

IN THE CLAIMS:

Please replace claims 3 and 5-6 with the following amended claims.

A1
3(Amended). Transgenic oilseed plant cell according to claim 1, wherein the promoter is a napin promoter, the peptide with enzyme activity necessary for keto group containing xanthophyll production and esterification is selected from the group consisting of peptides with, 1-D-deoxyxylulose 5-phosphate synthase, isopentenyl pyrophosphate:dimethylallyl pyrophosphate isomerase, geranylgeranyl pyrophosphate synthase, phytoene synthase, phytoene desaturase, zeta-carotene desaturase, lycopene beta-cyclase, β -carotene hydroxylase, and acyl transferase activity.

A2
5(Amended). Transgenic oilseed plant cell according to claim 1, wherein the oilseed plant is selected from the group consisting of rape, sunflower, soybean and mustard.

A2
6(Amended). Transgenic oilseed plant cell according to claim 1, wherein the cell expresses xanthophyll.

✓
Please add the following new claims to the application.

A3
10(New). Transgenic oilseed plant cell according to claim 2, wherein the promoter is a napin promoter, the peptide with enzyme activity necessary for keto group containing xanthophyll production and esterification is selected from the group consisting of peptides with, 1-D-deoxyxylulose 5-phosphate synthase, isopentenyl pyrophosphate:dimethylallyl pyrophosphate isomerase, geranylgeranyl pyrophosphate synthase, phytoene synthase, phytoene desaturase, zeta-carotene desaturase, lycopene beta-cyclase, β -carotene hydroxylase, and acyl transferase activity.

11(New). Transgenic oilseed plant cell according to claim 2, wherein the oilseed plant is selected from the group consisting of rape, sunflower, soybean and mustard.

12(New). Transgenic oilseed plant cell according to claim 3, wherein the oilseed plant is selected from the group consisting of rape, sunflower, soybean and mustard.

13(New). Transgenic oilseed plant cell according to claim 4, wherein the oilseed plant is selected from the group consisting of rape, sunflower, soybean and mustard.

14(New). Transgenic oilseed plant cell according to claim 10, wherein the oilseed plant is selected from the group consisting of rape, sunflower, soybean and mustard.

15(New). Transgenic oilseed plant cell according to claim 2, wherein the cell expresses xanthophylls.

16(New). Transgenic oilseed plant cell according to claim 3, wherein the cell expresses xanthophylls.

17(New). Transgenic oilseed plant cell according to claim 4, wherein the cell expresses xanthophylls.

18(New). Transgenic oilseed plant cell according to claim 5, wherein the cell expresses xanthophylls.

19(New). Transgenic oilseed plant cell according to claim 10, wherein the cell expresses xanthophylls.

A3
cancel

B.
A.
Amel

20(New). Transgenic oilseed plant cell according to claim 14, wherein the cell expresses xanthophylls.
